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Referred Patent No. 5,731,875 (Chandler et al.)	Application Serial No. 08/884,680
Regarding item	1 9 of the Office Action
1) Patent and Trademark Office is referred to the Patent No. 5,731,875 (Chandler et al.), which was filed on the date of June 26, 1997.	1) The above Application was filed by Provisional Patent Application Serial No.60/048,277 on the date of June 02, 1997 (please, see also Transmittal Letter of the above Utility Patent Application Serial No. 08/884,680 with the reference to the
2) Referred Patent has a plurality of light emitting lasers	Provisional Patent Application).  2) A plurality of light emitting lasers means absolutely correctly two and more (plural means 2, 3, 4,, ), but in above Application is claimed only one (single) light beam.
3) On Fig.4 is presented a conduit (23) with a plurality of fiber optic stands (27a) [see column 5, lines 18, 19 of the top] and includes an optical element for scattered light collecting (see	3) Above Application (see Fig. 10) represents a single fiber optic connecting means (29), which does not have an optical elements for scattered light collection.
4) Fig.4 illustrates: a). a conduit (23), including a plurality of a fiber optic stands (27a), which directs light from each diode (15)	4) An improved device by above Application does not have a plurality of fiber optic stands and a plurality of diods, having just a single diod (4).
	Additionally, the Referred Patent has a plurality of fiber optic stands with a plurality of laser diodes (a plurality of light sources) for the purpose of power dividing (to eliminate a heat-sink), that is missing in the above Application.
Referred Patent No. 5,610,712 (Schmitz et al.)	Application Serial No. 08/884,680
1) Referred Paten No. 5,610,712 (Schmitz et al.) claims: a). "focusing light emanatingto produce a collimated light" (see Claim 1 and focusing lenses (64) and (66) in column 6, lines 31,32 of the bottom) b). "producing a plurality of diffracted beams" (see Claim 1 [see column 7, line 13 of the top]).	1) An improved device of above Application:  a). <u>does not focusing</u> light emanatingto produce a collimatedlight and lenses.  b). <u>does not produce</u> a plurality of diffracted beams "

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Table 2 Application Serial No. 08/884,680	10 of the Office Action  1) Above Application <u>criticizes</u> some of the scattered light principles (see Background of the Invention of the above Application) and an improved methods and device are particularly intended for particle direct detection and <u>do not include</u> the lenses	2) The Figs. 10, 12, 17 of the Referred Patent are regarding scattered light detection /please, see the item 1) above in this column/.	Additionally, applicant would like to bring Examiner's attention to the following:  The device by Referred Patent possibly can not provide the particle measuring by described in that Patent scattered light collection principles, because the scattered light may not be dispersed (distributed) in the direction of the optical fibers, considering that the optical fibers are located is in the "dark" zone for scattered light beam (in the non-effective zone for scattered light beam (in the non-effective zone for scattered light, please, see the figure in Table 4).
Ta Referred Patent No. 4,595,291 (Tatsuno)	1) This Referred patent claims a device, comprising a plurality of optical fibers, each receiving scattered light (see "scattered light" trough the text of Specification, Figs.3, 5, 6, 9 and, for example, Claim 1 [see column 12, lines 19, 20 of the top] and Claim 9 [column 13, line 23 of the top], etc., and also comprising a lenses [ see 32 on Figs.4, 7 and 62 on Figs.10, 12, 15-17].	2) Figs. 10, 12, 17	

Referred Patent No. 5,325,169 (Nakamoto et al.)	Application Serial No. 08/884,680
Regarding ite	Regarding item 11 of the Office Action
1) This Referred Patent claims the method and device, which are based in the scattered light principles (see Figs.4-8 and independent Claims 1, 7, 18)	1) Above Application <u>criticizes</u> some of the scattered light detection principles (see Background of the Invention of the above Application) and an improved methods and device are particularly intended for particle direct detection.

Referred Patent No. 5,619,333 (Staff et al.)	Application Serial No. 08/884,680
Regarding item	8 of the Office Action
Claims 1-15 are rejected, because: (please, see item8 of Office Action)	The disclosure made in the item 8 of Office Action is not presented in the Referred Patent and belong exclusively to the above Application
1) "a light detecting means (4)" - [see lines 1,2 of the bottom of page 3 of Office Action]	system (4). This Referred Patent comprises an optical sensor (4) [see column 3, line 35 of the top], having window (421) [see column 4, line 25 of the bottom] and <u>lens</u> (43) [see column 4, line 25 of the bottom] and <u>lens</u> (43) [see column 4, line
2) "a light source (451)" - [see line 1 of the bottom of page 3 of Office Action]	2) Referred Patent does not comprises a light source (451). Referred Patent comprises a bulb (451) [see column 4, line 17 of the bottom], from which the light is focused through the window assembly (42) [see column 4, line 24 of the bottom] by the lens (44) [see column 4, line 23 of the bottom], which are
3) "intersects a light beam in an area of a light detection means"	missing in the above Application.  3) This is absolutely missing in the Referred Patent and belong only to Claims 1,6 of above Application as a novelty and does not have the known equivalents.
4) Figs.6-8:	4) Referred Patent is based on the method of the analog comparison of the detected signals. Applicant is agreed with Examiner and Claims 2,3 are canceled and amended Specification and Claims disclose only an improved Timing Processing (Digital Processing).
a). Fig. 6 comprises the comparators (484)	a) The comparators (484) are missing in the amended Specification and Claims /please, see item 4) above in this column/.
b). Fig. 7 comprises a voltage comparators (504,	b). Please, see the description in the items 4), 4a) above

Zone for scattere detector (please, see figure below, additionally illustrating the advantage of This is possible, because the improved method and device An improved methods and device eliminate any optic means lenses, etc. and also eliminates a light noise, producing by scatprovide the elimination of the scattered and non-focused light with the particle flow is particularly in the area of the detection means, that provides the elimination of any windows, gates, c). Please, see the description in the items 4),4a) Additionally, applicant would like to bring Examiner's attenfor focusing, because the point of intersection of the light beam "dark chamber scattered Pight fight direction the improved method and device): tion to the following: above in this column in this column. tered light. fight beam S X X c). Fig.8 comprises the voltage comparator (512) 506).